

In re application of: Ewing et al.  
Serial Number 09/930,780  
Page 2

APPENDIX A

A1

10. An electrical power distribution plugstrip of the type for providing power to one or more electrical loads in a vertical electrical equipment rack, the electrical power distribution plugstrip
- 5 comprising in combination:
- A. a vertical strip enclosure having a long length and relatively thin width;
- B. a power input penetrating said vertical strip enclosure;
- C. a plurality of power outputs disposed along said long length of the strip enclosure, each among the plurality of power outputs being connectable to a corresponding one of said one or
- 10 more electrical loads;
- D. a plurality of power control relays disposed in said vertical strip enclosure, each among said plurality of power control relays being connected to independently control power from said power input to one or more corresponding power outputs among said plurality of power outputs;
- and
- 15 E. a user display disposed on said vertical strip enclosure in information-determining communication with at least one among said power input and said plurality of power outputs, whereby a user may observe information related to the amount of current flowing through at least one among the power input and said plurality of power outputs.
- 20 11. The electrical power plugstrip of claim 10 further comprising at least one intelligent power section disposed in the vertical strip enclosure and in which is disposed at least one of the plurality of power control relays.

In re application of: Ewing et al.  
Serial Number 09/930,780  
Page 3

A1  
12. The electrical power plugstrip of claim 11 further comprising an external power manager application external to the vertical strip enclosure in network communication with the intelligent power section disposed in the vertical strip enclosure, whereby a user of the external power manager may control power provided to selectable ones of said plurality of power outputs.

13. The electrical power plugstrip of claim 10 further comprising a plurality of intelligent power sections disposed in the vertical strip enclosure, each said intelligent power section being in independent communication with at least a corresponding one or more among the plurality of power outputs.

14. The electrical power plugstrip of claim 13 further comprising an external power manager application external to the vertical strip enclosure and in network communication with the plurality of intelligent power sections disposed in the vertical strip enclosure, whereby a user of the external power manager may control power provided to selectable ones of said plurality of power outputs.

15. The electrical power plugstrip of claim 10 wherein the user display is in current-determining communication with all among the plurality of power outputs through at least one current sensing device.

In re application of: Ewing et al.  
Serial Number 09/930,780  
Page 4

A/ 16. The electrical power plugstrip of claim 13 wherein the user display is in current-determining communication with all among the plurality of power outputs through at least one current sensing device.

5 17. The electrical power plugstrip of claim 14 wherein the user display is in current-determining communication with all among the plurality of power outputs through at least one current sensing device.

18. The electrical power plugstrip of claim 11 wherein said intelligent power section  
10 comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding power output for such one power control relay.

19. The electrical power plugstrip of claim 12 wherein said intelligent power section  
15 comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding power output for such one power control relay.

20. The electrical power plugstrip of claim 13 wherein each said intelligent power section comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding one or more power outputs for such one power control relay.

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In re application of: Ewing et al.  
Serial Number 09/930,780  
Page 5

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21. The electrical power plugstrip of claim 14 wherein each said intelligent power section comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding one or more power outputs for such one power control relay.
- 5 22. The electrical power plugstrip of claim 16 wherein each said intelligent power section comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding one or more power outputs for such one power control relay.
23. The electrical power plugstrip of claim 17 wherein each said intelligent power section  
10 comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding one or more power outputs for such one power control relay.
24. An electrical power distribution plugstrip of the type for providing power to one or more electrical loads in a vertical electrical equipment rack, the electrical power distribution plugstrip  
15 comprising in combination:
- A. a vertical strip enclosure having a long length and relatively thin width;
  - B. a power input penetrating said vertical strip enclosure;
  - C. a plurality of power outputs disposed along said long length of the strip enclosure, each  
among the plurality of power outputs being connectable to a corresponding one of said one or  
20 more electrical loads; and

In re application of: Ewing et al.  
Serial Number 09/930,780  
Page 6

A/ D. a plurality of power control relays disposed in said vertical strip enclosure, each among said plurality of power control relays being connected to independently control power from said power input to one or more corresponding power outputs among said plurality of power outputs.

5 25. The electrical power plugstrip of claim 24 further comprising at least one intelligent power section disposed in the vertical strip enclosure and in which is disposed at least one of the plurality of power control relays.

26. The electrical power plugstrip of claim 25 further comprising an external power manager  
10 application external to the vertical strip enclosure in network communication with the intelligent power section disposed in the vertical strip enclosure, whereby a user of the external power manager may control power provided to selectable ones of said plurality of power outputs.

27. The electrical power plugstrip of claim 24 further comprising a plurality of intelligent  
15 power sections disposed in the vertical strip enclosure, each said intelligent power section being in independent communication with at least a corresponding one or more among the plurality of power outputs.

28. The electrical power plugstrip of claim 27 further comprising an external power manager  
20 application external to the vertical strip enclosure and in network communication with the plurality of intelligent power sections disposed in the vertical strip enclosure, whereby a user of

In re application of: Ewing et al.  
Serial Number 09/930,780  
Page 7

A) the external power manager may control power provided to selectable ones of said plurality of power outputs.

29. The electrical power plugstrip of claim 25 wherein said intelligent power section  
5 comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding power output for such one power control relay.

30. The electrical power plugstrip of claim 26 wherein said intelligent power section  
10 comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding power output for such one power control relay.

31. The electrical power plugstrip of claim 27 wherein each said intelligent power section  
comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding one or more power outputs for such one power control relay.

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32. The electrical power plugstrip of claim 28 wherein each said intelligent power section  
comprises an intelligent power module having at least one of the plurality of power control relays and the corresponding one or more power outputs for such one power control relay.

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